Babak N Araabi

List of Publications by Citations

186 papers	2,326 citations	26 h-index	39 g-index
210 ext. papers	2,782 ext. citations	3.6 avg, IF	5.3 L-index

#	Paper	IF	Citations
186	Uncertainty analysis of developed ANN and ANFIS models in prediction of carbon monoxide daily concentration. *Atmospheric Environment*, **2010**, 44, 476-482	5.3	108
185	Predicting Chaotic Time Series Using Neural and Neurofuzzy Models: A Comparative Study. *Neural Processing Letters*, **2006**, 24, 217-239	2.4	108
184	Deep Multitask Metric Learning for Offline Signature Verification. *Pattern Recognition Letters*, **2016**, 80, 84-90	4.7	96
183	Brain emotional learning based intelligent controller applied to neurofuzzy model of micro-heat exchanger. *Expert Systems With Applications*, **2007**, 32, 911-918	7.8	77
182	Implementation of Emotional Controller for Interior Permanent-Magnet Synchronous Motor Drive. *IEEE Transactions on Industry Applications*, **2008**, 44, 1466-1476	4.3	75
181	Pigment Melanin: Pattern for Iris Recognition. *IEEE Transactions on Instrumentation and Measurement*, **2010**, 59, 792-804	5.2	71
180	Recursive Gath–Geva clustering as a basis for evolving neuro-fuzzy modeling. *Evolving Systems*, **2010**, 1, 59-71	2.1	51
179	Iris Recognition for Partially Occluded Images: Methodology and Sensitivity Analysis. *Eurasip Journal on Advances in Signal Processing*, **2006**, 2007, 1	1.9	48
178	Solar activity forecast: Spectral analysis and neurofuzzy prediction. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2005**, 67, 595-603	2	48
177	Online learning of task-driven object-based visual attention control. *Image and Vision Computing*, **2010**, 28, 1130-1145	3.7	46
176	Generalization of the Dempster-Shafer theory: a fuzzy-valued measure. *IEEE Transactions on Fuzzy Systems*, **1999**, 7, 255-270	8.3	46
175	Differences in white matter reflect atypical developmental trajectory in autism: A Tract-based Spatial Statistics study. *NeuroImage: Clinical*, **2012**, 1, 48-56	5.3	44
174	Data driven sensor and actuator fault detection and isolation in wind turbine using classifier fusion. *Renewable Energy*, **2018**, 116, 99-106	8.1	43
173	Pattern identification for eccentricity fault diagnosis in permanent magnet synchronous motors using stator current monitoring. *IET Electric Power Applications*, **2010**, 4, 418	1.8	39
172	A probabilistic feature to determine type and extent of winding mechanical defects in power transformers. *Electric Power Systems Research*, **2012**, 82, 1-10	3.5	35
171	Cost-sensitive learning of top-down modulation for attentional control. *Machine Vision and Applications*, **2011**, 22, 61-76	2.8	35
170	UTSig: A Persian offline signature dataset. *IET Biometrics*, **2017**, 6, 1-8	2.9	33

169	Short-Term Load Forecasting With a New Nonsymmetric Penalty Function. *IEEE Transactions on Power Systems*, **2011**, 26, 1817-1825	7	32
168	INTELLIGENT MODELING AND CONTROL OF WASHING MACHINE USING LOCALLY LINEAR NEURO-FUZZY (LLNF) MODELING AND MODIFIED BRAIN EMOTIONAL LEARNING BASED INTELLIGENT CONTROLLER (BELBIC). *Asian Journal of Control*, **2008**, 8, 393-400	1.7	32
167	A string matching computer-assisted system for dolphin photoidentification. *Annals of Biomedical Engineering*, **2000**, 28, 1269-79	4.7	32
166	Optimal Local Basis: A Reinforcement Learning Approach for Face Recognition. *International Journal of Computer Vision*, **2009**, 81, 191-204	10.6	30
165	An online predictor model as adaptive habitually linear and transiently nonlinear model. *Evolving Systems*, **2010**, 1, 29-41	2.1	29
164	Introducing a new learning method for fuzzy descriptor systems with the aid of spectral analysis to forecast solar activity. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2006**, 68, 2061-2074	2	29
163	A protein fold classifier formed by fusing different modes of pseudo amino acid composition via PSSM. *Computational Biology and Chemistry*, **2011**, 35, 1-9	3.6	28
162	Extracting the main patterns of natural time series for long-term neurofuzzy prediction. *Neural Computing and Applications*, **2007**, 16, 383-393	4.8	28
161	Improved Bayesian information criterion for mixture model selection. *Pattern Recognition Letters*, **2016**, 69, 22-27	4.7	26
160	A time local subset feature selection for prediction of sudden cardiac death from ECG signal. *Medical and Biological Engineering and Computing*, **2018**, 56, 1253-1270	3.1	25
159	How to decide when the sources of evidence are unreliable: A multi-criteria discounting approach in the Dempster–Shafer theory. *Information Sciences*, **2018**, 448-449, 233-248	7.7	25
158	Evolving Takagi–Sugeno fuzzy model based on switching to neighboring models. *Applied Soft Computing Journal*, **2013**, 13, 939-946	7.5	25
157	Information-based dissimilarity assessment in Dempster–Shafer theory. *Knowledge-Based Systems*, **2013**, 54, 114-127	7.3	23
156	Abnormal condition detection in a cement rotary kiln with system identification methods. *Journal of Process Control*, **2009**, 19, 1538-1545	3.9	23
155	Introducing evolving Takagi–Sugeno method based on local least squares support vector machine models. *Evolving Systems*, **2012**, 3, 81-93	2.1	22
154	Multi-representational learning for Offline Signature Verification using Multi-Loss Snapshot Ensemble of CNNs. *Expert Systems With Applications*, **2019**, 133, 317-330	7.8	21
153	Estimation of Depth and Length of Defects From Magnetic Flux Leakage Measurements: Verification With Simulations, Experiments, and Pigging Data. *IEEE Transactions on Magnetics*, **2016**, 1-1	2	21
152	Interaction of Culture-Based Learning and Cooperative Co-Evolution and its Application to Automatic Behavior-Based System Design. *IEEE Transactions on Evolutionary Computation*, **2010**, 14, 23-57	15.6	21

151	Multi-step prediction of Dst index using singular spectrum analysis and locally linear neurofuzzy modeling. *Earth, Planets and Space*, **2006**, 58, 331-341	2.9	21
150	Shape Analysis of Stroma for Iris Recognition. *Lecture Notes in Computer Science*, **2007**, 790-799	0.9	19
149	A study on expertise of agents and its effects on cooperative Q-learning. *IEEE Transactions on Systems, Man, and Cybernetics*, **2007**, 37, 398-409		17
148	A Vector-based Approach to Discriminate Radial Deformation and Axial Displacement of Transformer Winding and Determine Defect Extent. *Electric Power Components and Systems*, **2012**, 40, 597-612	1	16
147	Introducing adaptive neurofuzzy modeling with online learning method for prediction of time-varying solar and geomagnetic activity indices. *Expert Systems With Applications*, **2010**, 37, 8267-8277	7.8	16
146	Quantitative determination of concordance in localizing epileptic focus by component-based EEG-fMRI. *Computer Methods and Programs in Biomedicine*, **2019**, 177, 231-241	6.9	15
145	Evidence theoretic protein fold classification based on the concept of hyperfold. *Mathematical Biosciences*, **2012**, 240, 148-60	3.9	15
144	Gait Recognition Using Wavelet Packet Silhouette Representation and Transductive Support Vector Machines **2009**,		15
143	Locally linear neurofuzzy modeling and prediction of geomagnetic disturbances based on solar wind conditions. *Space Weather*, **2006**, 4, n/a-n/a	3.7	15
142	A new systematic design for Habitually Linear Evolving TS Fuzzy Model. *Expert Systems With Applications*, **2012**, 39, 1725-1736	7.8	14
141	Reducing the number of local linear models in neuro-fuzzy modeling: A split-and-merge clustering approach. *Applied Soft Computing Journal*, **2011**, 11, 5582-5589	7.5	14
140	Temporal dynamics of visual category representation in the macaque inferior temporal cortex. *Journal of Neurophysiology*, **2016**, 116, 587-601	3.2	13
139	Online Local Input Selection Through Evolving Heterogeneous Fuzzy Inference System. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 1364-1377	8.3	13
138	Adaptive prediction of epileptic seizures from intracranial recordings. *Biomedical Signal Processing and Control*, **2012**, 7, 456-464	4.9	13
137	A supervisory fuzzy control of back-end temperature of rotary cement kilns **2007**,		13
136	A BIOLOGICALLY INSPIRED METHOD FOR CONCEPTUAL IMITATION USING REINFORCEMENT LEARNING. *Applied Artificial Intelligence*, **2007**, 21, 155-183	2.3	13
135	Combination of Singular Spectrum Analysis and Autoregressive Model for Short Term Load Forecasting **2007**,		13
134	Assisting manual dolphin identification by computer extraction of dorsal ratio. *Annals of Biomedical Engineering*, **1999**, 27, 830-8	4.7	13

133	Distributed maximum likelihood estimation for flow and speed density prediction in distributed traffic detectors with Gaussian mixture model assumption. *IET Intelligent Transport Systems*, **2012**, 6, 215	2.4	12
132	Features analysis for identification of date and party hubs in protein interaction network of Saccharomyces Cerevisiae. *BMC Systems Biology*, **2010**, 4, 172	3.5	12
131	Knowledge-Based Multiagent Credit Assignment: A Study on Task Type and Critic Information. *IEEE Systems Journal*, **2007**, 1, 55-67	4.3	12
130	Online Forecasting of Synchronous Time Series Based on Evolving Linear Models. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 1865-1876	7.3	12
129	Learning by abstraction: Hierarchical classification model using evidential theoretic approach and Bayesian ensemble model. *Neurocomputing*, **2014**, 130, 73-82	5.4	11
128	Design, implementation and analysis of an alternation-based Central Pattern Generator for multidimensional trajectory generation. *Robotics and Autonomous Systems*, **2012**, 60, 182-198	3.5	11
127	Detection of Natural Gas Pipeline Defects using Magnetic Flux Leakage Measurements **2013**,		11
126	Computational model of excitatory/inhibitory ratio imbalance role in attention deficit disorders. *Journal of Computational Neuroscience*, **2012**, 33, 389-404	1.4	11
125	Learning active fusion of multiple experts' decisions: an attention-based approach. *Neural Computation*, **2011**, 23, 558-91	2.9	11
124	A model for determining the cyclic swell–shrink behavior of argillaceous rock. *Applied Clay Science*, **2008**, 42, 81-89	5.2	11
123	Defect detection and width estimation in natural gas pipelines using MFL signals **2013**,		10
122	Attention control with reinforcement learning for face recognition under partial occlusion. *Machine Vision and Applications*, **2011**, 22, 337-348	2.8	10
121	Forecasting sunspot numbers with the aid of fuzzy descriptor models. *Space Weather*, **2007**, 5, n/a-n/a	3.7	10
120	Mutual Information Based Input Selection in Neuro-Fuzzy Modeling for Short Term Load Forecasting of Iran National Power System **2007**,		10
119	Neural, Fuzzy And Neurofuzzy Approach To Classification Of Normal And Alcoholic Electroencephalograms. *Proc Int Symp Image Signal Process Anal*, **2007**,		10
118	Learning Representations from Persian Handwriting for Offline Signature Verification, a Deep Transfer Learning Approach **2019**,		9
117	Component-related BOLD response to localize epileptic focus using simultaneous EEG-fMRI recordings at 3T. *Journal of Neuroscience Methods*, **2019**, 322, 34-49	3	9
116	Developing Fracture Measure as an Index of Fracture Impact on Well-Logs. *Energy Exploration and Exploitation*, **2015**, 33, 555-574	2.1	9

115	Recursive spectral analysis of natural time series based on eigenvector matrix perturbation for online applications. *IET Signal Processing*, **2011**, 5, 515	1.7	9
114	Short-term traffic flow forecasting by mutual information and artificial neural networks **2012**,		9
113	Black box modeling of magnetospheric dynamics to forecast geomagnetic activity. *Space Weather*, **2004**, 2, n/a-n/a	3.7	9
112	Partial identification and control of MIMO systems via switching linear reduced-order models under weak stimulations. *Evolving Systems*, **2019**, 10, 111-128	2.1	9
111	Lipschitz Numbers: A Medium for Delay Estimation. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 7468-7473		8
110	Knowledge-based Extraction of Area of Expertise for Cooperation in Learning **2006**,		8
109	Kalman filter tracking for facial expression recognition using noticeable feature selection **2007**,		8
108	Coincidence Detection within the Excitable Rat Olfactory Bulb Granule Cell Spines. *Journal of Neuroscience*, **2019**, 39, 584-595	6.6	7
107	Comparing ANFIS and integrating algorithm models (ICA-ANN, PSO-ANN, and GA-ANN) for prediction of energy consumption for irrigation land leveling. *Geosystem Engineering*, **2018**, 21, 81-94	1.2	7
106	Bandit-based local feature subset selection. *Neurocomputing*, **2014**, 138, 371-382	5.4	7
105	Traffic Flow Prediction Using MI Algorithm and Considering Noisy and Data Loss Conditions: An Application to Minnesota Traffic Flow Prediction. *Promet - Traffic - Traffico*, **2014**, 26, 393-403	1.2	7
104	Interactive Learning in Continuous Multimodal Space: A Bayesian Approach to Action-Based Soft Partitioning and Learning. *IEEE Transactions on Autonomous Mental Development*, **2012**, 4, 124-138		7
103	Information Theoretic Hierarchical Clustering. *Entropy*, **2011**, 13, 450-465	2.8	7
102	Takagi-Sugeno control of the elevation channel of a twin-rotor system using closed-loop empirical data **2012**,		7
101	Swarm contours: A fast self-organization approach for snake initialization. *Complexity*, **2006**, 12, 41-52	1.6	7
100	A self tuning regulator design for nonlinear time varying systems based on evolving linear models. *Evolving Systems*, **2016**, 7, 159-172	2.1	6
99	. *IEEE Transactions on Robotics*, **2017**, 33, 153-168	6.5	6
98	Learning from Demonstrations and Human Evaluative Feedbacks: Handling Sparsity and Imperfection Using Inverse Reinforcement Learning Approach. *Journal of Robotics*, **2020**, 2020, 1-18	1.5	6

97	Identification and Control of MIMO Linear Systems under Sufficient and Insufficient Excitation **2018**,		6
96	Conceptual Imitation Learning Based on Perceptual and Functional Characteristics of Action. *IEEE Transactions on Autonomous Mental Development*, **2013**, 5, 311-325		6
95	A novel detection and navigation approach based on OWA fusion method. *Sensor Review*, **2011**, 31, 328-340		6
94	Online Multi-step Ahead Prediction of Time-Varying Solar and Geomagnetic Activity Indices via Adaptive Neurofuzzy Modeling and Recursive Spectral Analysis. *Solar Physics*, **2011**, 272, 189-213	2.6	6
93	Fast Hand gesture recognition based on saliency maps: An application to interactive robotic marionette playing **2009**,		6
92	The Schur stability via the Hurwitz stability analysis using a biquadratic transformation. *Automatica*, **2005**, 41, 173-176	5.7	6
91	Noisy Iris Verification: A Modified Version of Local Intensity Variation Method. *Lecture Notes in Computer Science*, **2009**, 1150-1159	0.9	6
90	Functional Networks Abnormalities in Autism Spectrum Disorder: Age-Related Hypo and Hyper Connectivity. *Brain Topography*, **2021**, 34, 306-322	4.3	6
89	A new EM algorithm for flexibly tied GMMs with large number of components. *Pattern Recognition*, **2021**, 114, 107836	7.7	6
88	Fusing Iris, Palmprint and Fingerprint in a Multi-biometric Recognition System **2016**,		6
87	Context transfer in reinforcement learning using action-value functions. *Computational Intelligence and Neuroscience*, **2014**, 2014, 428567	3	5
86	METAL: A framework for mixture-of-experts task and attention learning. *Journal of Intelligent and Fuzzy Systems*, **2012**, 23, 111-128	1.6	5
85	Directed Random Subspace Method for Face Recognition **2010**,		5
84	Recursive Gath-Geva clustering as a basis for evolving neuro-fuzzy modeling **2010**,		5
83	A Hierarchical Face Identification System Based on Facial Components **2007**,		5
82	Automatic Recognition of Acute Myelogenous Leukemia in Blood Microscopic Images Using K-means Clustering and Support Vector Machine. *Journal of Medical Signals and Sensors*, **2016**, 6, 183-93 [1]		5
81	Order determination and robust adaptive control of unknown deterministic input-affine systems: An operational controller **2016**,		5
80	Time-frequency decomposition of seismic signals via quantum swarm evolutionary matching pursuit. *Geophysical Prospecting*, **2019**, 67, 1701-1719	1.9	4

79	Integrating artificial neural network and imperialist competitive algorithm (ICA), to predict the energy consumption for land leveling. *International Journal of Energy Sector Management*, **2017**, 11, 522-540	2.5	4
78	Fast evolving neuro-fuzzy model and its application in online classification and time series prediction. *Pattern Analysis and Applications*, **2012**, 15, 279-288	2.3	4
77	Online extraction of main linear trends for nonlinear time-varying processes. *Information Sciences*, **2013**, 220, 22-33	7.7	4
76	Comparison of rotary cement kiln identified models **2009**,		4
75	Conceptual Imitation Learning in a Human-Robot Interaction Paradigm. *ACM Transactions on Intelligent Systems and Technology*, **2012**, 3, 1-25	8	4
74	Online identification of a neuro-fuzzy model through indirect fuzzy clustering of data space **2009**,		4
73	A New Split and Merge Algorithm for Structure Identification in Takagi-Sugeno Fuzzy Model **2007**,		4
72	GPS/INS integration using nonlinear blending filters **2007**,		4
71	Particle Swarm Extension to LOLIMOT **2006**,		4
70	Persian offline signature verification based on curvature and gradient histograms **2016**,		4
69	Information-Based Evaluation of Approximation Methods in Dempster-Shafer Theory. *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, **2016**, 24, 503-535	0.8	4
68	Combination of learning from non-optimal demonstrations and feedbacks using inverse reinforcement learning and Bayesian policy improvement. *Expert Systems With Applications*, **2018**, 112, 331-341	7.8	4
67	Active Transfer Learning for Persian Offline Signature Verification **2019**,		3
66	An information-based approach to handle various types of uncertainty in fuzzy bodies of evidence. *PLoS ONE*, **2020**, 15, e0227495	3.7	3
65	Competitive interaction reasoning: A bio-inspired reasoning method for fuzzy rule based classification systems. *Information Sciences*, **2016**, 352-353, 35-47	7.7	3
64	Hierarchical concept learning based on functional similarity of actions **2013**,		3
63	A Computational Approach towards Visual Object Recognition at Taxonomic Levels of Concepts. *Computational Intelligence and Neuroscience*, **2015**, 2015, 905421	3	3
62	Variational Bayesian learning for Gaussian mixture HMM in seizure prediction based on long term EEG of epileptic rats **2014**,		3

61	A fast and accurate contour-based method for writer-dependent offline handwritten Farsi/Arabic subwords recognition. *International Journal on Document Analysis and Recognition*, **2014**, 17, 181-203	3.8	3
60	Concurrent learning of task and attention control in the decision space **2009**,		3
59	Fuzzy descriptor systems and spectral analysis for chaotic time series prediction. *Neural Computing and Applications*, **2009**, 18, 991-1004	4.8	3
58	A real-time velocity estimation using motion blur in air hockey **2012**,		3
57	Robust Iris Verification Based on Local and Global Variations. *Eurasip Journal on Advances in Signal Processing*, **2010**, 2010,	1.9	3
56	A Neuro-Fuzzy Controller for Rotary Cement Kilns. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 13259-13264		3
55	A Bayesian approach to conceptualization using reinforcement learning **2007**,		3
54	A Learning Algorithm for Local Linear Neuro-fuzzy Models with Self-construction through Merge & Split **2006**,		3
53	Hough Array Processing via Fast Multi-Scale Clustering. *Real Time Imaging*, **2000**, 6, 129-141		3
52	Comparing Learning Attention Control in Perceptual and Decision Space. *Lecture Notes in Computer Science*, **2009**, 242-256	0.9	3
51	Toward automatic development of handwritten personal Farsi/Arabic OpenType(^{textregistered}) fonts. *International Journal on Document Analysis and Recognition*, **2015**, 18, 249-262	3.8	2
50	Mixture of ICAs model for natural images solved by manifold optimization method **2015**,		2
49	Prediction of environmental indicators in land leveling using artificial intelligence techniques. *Journal of Environmental Health Science & Engineering*, **2018**, 16, 65-80	2.9	2
48	Rapid face adaptation distributes representation in inferior-temporal cortex across time and neuronal dimensions. *Scientific Reports*, **2017**, 7, 1709	4.9	2
47	Generating flexible convex hyper-polygon validity regions via sigmoid-based membership functions in TS modeling. *Applied Soft Computing Journal*, **2015**, 28, 589-598	7.5	2
46	Face recognition with manifold-based kernel discriminant analysis **2012**,		2
45	PiLiMoT: A Modified Combination of LoLiMoT and PLN Learning Algorithms for Local Linear Neurofuzzy Modeling. *Journal of Control Science and Engineering*, **2011**, 2011, 1-9	1.2	2
44	Improving reinforcement learning using temporal-difference network EUROCON2009 **2009**,		2

43	An imitation model based on Central Pattern Generator with application in robotic marionette behavior learning **2009**,		2
42	Input Selection Based on Information Theory for Constructing Predictor Models of Solar and Geomagnetic Activity Indices. *Solar Physics*, **2009**, 258, 297-318	2.6	2
41	A LINEAR PROGRAMMING APPROACH FOR CALCULATION OF ALL STABILIZING PARAMETERS OF LEAD/LAG CONTROLLERS. *Asian Journal of Control*, **2008**, 8, 408-411	1.7	2
40	Introducing an incremental learning method for fuzzy descriptor models to identify nonlinear singular systems **2008**,		2
39	A hybrid model for face recognition using facial components **2007**,		2
38	NEUROFUZZY MODELING OF NATURAL FREQUENCIES OF CYLINDRICAL SHELLS APPLIED TO EVOLUTIONARY BASED OPTIMAL DESIGN OF SR MOTORS. *International Journal of Computational Methods*, **2006**, 03, 263-277	1.1	2
37	Closed-loop global fuzzy TSK modeling: A case study **2007**,		2
36	Auto-tune Predictive Control of Switched Reluctance Motor **2006**,		2
35	WLoLiMoT: A Wavelet and LoLiMoT Based Algorithm for Time Series Prediction **2011**, 345-355		2
34	A Neuro-Fuzzy Control for TCP Network Congestion. *Advances in Intelligent and Soft Computing*, **2009**, 93-101		2
33	Cell size optimization for fracture measure estimation in multi-scale studies within oil wells. *Carbonates and Evaporites*, **2019**, 34, 261-272	1.3	2
32	Hierarchical Image Segmentation Using Ant Colony and Chemical Computing Approach. *Lecture Notes in Computer Science*, **2005**, 1250-1258	0.9	2
31	Towards Information Theoretic Measurement of Fidelity and Diversity in Handwriting Synthesis **2019**,		1
30	Improving the performance of intelligent stock trading systems by using a high level representation for the inputs **2015**,		1
29	A Dynamic Bio-inspired Model of Categorization. *Lecture Notes in Computer Science*, **2012**, 160-167	0.9	1
28	Dynamical analysis of yeast protein interaction network during the sake brewing process. *Journal of Microbiology*, **2011**, 49, 965-73	3	1
27	Comments on "Controller Synthesis of Fuzzy-Dynamic Systems Based on Piecewise Lyapunov Functions. *IEEE Transactions on Fuzzy Systems*, **2010**, 18, 227-228	8.3	1
26	An effective feature extraction method for facial expression recognition using adaptive Gabor wavelet **2010**,		1

25	Real time estimation and tracking of human body Center of Mass using 2D video imaging **2011**,		1
24	Learning sequential visual attention control through dynamic state space discretization **2009**,		1
23	Speeding up top-down attention control learning by using full observation knowledge **2009**,		1
22	Approximation of a map and its derivatives with an RBF Network using input-output clustering **2008**,		1
21	An Experimental Nonlinear System Identification Based on Local Linear Neuro-Fuzzy Models **2006**,		1
20	A Modified LOLIMOT Algorithm for Nonlinear Estimation Fusion **2007**,		1
19	Facial Expression Recognition using Conspicuous Features Selection and Comparison of the Performance of Different Classifiers **2007**,		1
18	Optimal design of a flexible transferring system in press automation using fuzzy clustering. *Assembly Automation*, **2005**, 25, 53-58	2.1	1
17	An Analysis of the Disturbance on TCP Network Congestion. *Advances in Intelligent and Soft Computing*, **2009**, 115-123		1
16	Ant Colony Optimization with a Genetic Restart Approach toward Global Optimization. *Communications in Computer and Information Science*, **2008**, 9-16	0.3	1
15	Bandit-Based Structure Learning for Bayesian Network Classifiers. *Lecture Notes in Computer Science*, **2012**, 349-356	0.9	1
14	Writer identification using a probabilistic model of handwritten digits and approximate Bayesian computation **2016**,		1
13	A store location-based recommender system using users position and web searches. *Journal of Location Based Services*, **2021**, 15, 118-141	1.9	1
12	An age-dependent Connectivity-based computer aided diagnosis system for Autism Spectrum Disorder using Resting-state fMRI. *Biomedical Signal Processing and Control*, **2022**, 71, 103108	4.9	1
11	Learning pareto optimal solution of a multi-attribute bilateral negotiation using deep reinforcement. *Electronic Commerce Research and Applications*, **2020**, 43, 100987	4.6	0
10	A new survival analysis model in adjuvant Tamoxifen-treated breast cancer patients using manifold-based semi-supervised learning. *Journal of Computational Science*, **2022**, 61, 101645	3.4	0
9	Model-based Persian calligraphy synthesis via learning to transfer templates to personal styles. *International Journal on Document Analysis and Recognition*, **2020**, 23, 183-203	3.8	
8	Embedding Relevance Vector Machine in Fuzzy Inference System for Energy Consumption Forecasting. *Lecture Notes in Computer Science*, **2012**, 202-209	0.9	

7	A neuro-fuzzy immune inspired classifier for task-oriented texts. *Journal of Intelligent and Fuzzy Systems*, **2013**, 25, 673-683	1.6
6	DATA-BASED MODELLING OF NONLINEAR SYSTEMS USING A MODIFIED LOLIMOT ALGORITHM. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2007**, 40, 25-30	
5	Using Neurofuzzy Models and Spectral Analysis for Prediction of the Exotic Phenomena with Catastrophic Jumps. *Lecture Notes in Computer Science*, **2008**, 1156-1170	0.9
4	Using Plausible Reasoning for Developing Intelligent Systems **2004**, 203-212	
3	A Clustering Method Based on Soft Learning of Model (Prototype) and Dissimilarity Metrics. *Communications in Computer and Information Science*, **2008**, 33-40	0.3
2	Learning Attentive Fusion of Multiple Bayesian Network Classifiers. *Lecture Notes in Computer Science*, **2012**, 133-140	0.9
1	Optimal Mechanism Design in the Sponsored Content Service Market. *IEEE Communications Letters*, **2021**, 25, 3051-3054	3.8